## COAL AGE

With Which Is Consolidated
The "Colliery Engineer" and "Mines and Minerals"

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January to December, 1938

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| Zu   |  | 63.69   | Pump-line freezing stopped by electric   |  | Electric hazards discussed by N.S.C.,  | -   |
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|  | right, Jack, Apreatman, W. P., Apr   | 60  | heater, Apr Sealing joints cuts pipe losses, Feb   | 86   | Nov.<br>Fire hazards discussed at N.S.C., Nov.   | 72  |
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|  | nsylvania State College  |   | Pumps and Pumping, see also Drainage   | 87   | Goggles must be picked up before   | *55   |
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|  | whibit sample mine, Aug  | 76  | Radio  |  | be present. A.I.M.E. meeting, Nov  | 86  |
|  | er-application committee named, Dec.   |   | Broadcasts from Stevens mine, July 1   | 112  | I.C.M.I. discusses safety at meeting,  | 100   |
|  |  | 112   | Refuse Disposal  |  | Jan  | *77   |
|  | er Generation  |   | Aerial tram handles refuse at Cran-  |  | Lighting problems discussed at Indiana   |   |
| Di   | iversity in power improvement dis-<br>cussed at West Virginia Institute,   |   | berry mine. J. H. Edwards, June *<br>Better refuse disposal equipment, roof  | ,39  |  | 108   |
|  | Nov  | 64  | support and pipe couplings pare cost.  |  | Mechanisms for safety stay put (e) Oct   | 27  |
| In   | creased energy use adds little to d.c.   |   | R. D. Hall, Sept   | 44   | Mine-safety equipment at Cincinnati  |   |
| In   | capacity at Superior, Maydiana practices, Dec  | 107   | Spoil-bank fires (e) Oct   | 28   | Exposition, June   | 63  |
| Ir   | ish Rock truck mine modernization  |   | Regulation   |  | Mona's injury rate reduced by safety cooperation, May  | *45   |
|  | includes diesel generator, May   | *82   | Arkansas "anthracite" declared to be   |  | 1937 safety developments. D. Harring-  |   |
| Se   | bastian County Mutual Power Co. or-<br>ganized to generate and distribute  |   | bituminous and subject to regulation,  | 84   | ton, Feb   | * 43  |
|  | power, Mar   | 80  | Basic minimum prices under the Guf-  | 0.1  | sible units, Nov   | *58   |
|  | paration   |   | fey-Vinson Act, Jan  | 86   | Potential hazards should be recognized,  | 70  |
|  | I.M.E. discussed different launders,   |   | Cost data (e) Sept   | 24   | Rock dust in paper bags for barriers—  | 10  |
| 4.   | Mar  | *81   | not alter costs (e) May  | 44   | system reported on by Bureau of  |   |
| A  | Marcent on "cleaning," Jan   | 42  | Five captive producers exempted from   |  | Mines, Oct   | 40  |
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|  | changing problems, Feb   | 41  | Intrastate commerce in Colorado coal   | ٠.   | Safety discussion at A.M.C. meeting,   |   |
| Bi   | tuminous preparation gains in 1937,  | 0.01  |  | 84   | June   | 74  |
| Bi   | Febuckheart preparation featured by me-  | 404   | Midwest price hearings start, Dec 1 National Bituminous Coal Commission  | 121  | Safety meet in Colorado, Oct<br>Safety problems discussed at Illinois  | 1.4   |
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| Cl   | neasley discusses at Missouri Mineral  |   | National Bituminous Coal Commission issues cost findings and board recom-  |  | Safety problems discussed at Indiana   | 108   |
| Cr   | Industries Conference, Dec   | *96   |  | 60   | Safety problems discussed at Mine In-  | 400   |
| De   | edusting practices in Indiana, Dec   | *96   | National Bituminous Coal Commission  |  | spectors' meeting, July  | *94   |
| Di   | ust control makes Champion No. 6   |   | restrained from revealing production   | 8.4  | spectors' meeting, July  |   |
|  | preparation plant clean and explosion-<br>proof, Jan   | *52   | Price control by government in bitu-   | 84   | Institute meeting, Aug   | 64  |
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| ,  | Janustless treating results improved by  | 41  | Price fight seen to favor cut-throat   | 92   | Standards proposed to promote safety,<br>Jan.  | 81  |
| Di   | special hood at Staunton mine, Dec.  | 114   | Six Iowa companies seek exemption,   | 3 =  | State safety statutes suggested relate   | 01  |
| Di   | ustless treatment in Indiana, Dec  | *96   | Oct  | 84   | mainly to state mine inspectors (e)  | 9.0   |
| 40   | 0-ton-per-hour plant at Blue Heron.<br>J. H. Edwards, Nov  | *28   | State anthracite control decried by oper-<br>ators at Pennsylvania Legislature,  |  | Steps promote safety in testing high   | 36  |
| H  | eat drying practices in Indiana, Dec.  | *96   | Nov  | 70   | seal, Feb  | *90   |
| In   | diana practices, Dec   | *95   | Research   |  | Tightness of air seals (e) Sept  | 23<br>56  |
| 18   | abella metallurgical-coal preparation plant, July  | *63   | A.S.H.V.E. to coordinate fuel research,  |  | Virginia bans dobie shooting, Aug<br>Will-to-safety needed (e) July  |   |
| K  | een Mountain mine handles 400-tons-  |   | June   | 89   |  |   |
|  | per hour as a full mechanical mine.  | 897   | American Chemical Society throws new   |  | Sales Agencies   |   |
| M  | J. H. Edwards, Apragnet designed for use on pan or   | -31   | light on oxidation and hydrogenation,<br>Oct   | 76   | Fairmont Coals, Inc. formed as agency,<br>Sept.  | 62  |
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| M  | aumee Collieries preparation plant,  | *29   | Battelle Memorial Institute offers re-   | 104  | organized, Sept.   | 60  |
| M  | Septechanical drying practices in Indiana,   |   | search fellowships, May 1<br>City air low in sulphur, Sept   | 68   | Natural Resources endorses regional marketing agencies, June   | 78  |
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| M  | ercury lamps aid picking at Clymer<br>mine where plow turns coal, Nov  | 9.49  | of Washington, Apr<br>Colorado School of Mines chosen as<br>a test plant for region, Jan   | 74   | tion now ready, Sept   | 62  |
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|  | ellis mine uses launder unit developed<br>by Battelle Institute. Bird & Ed-  |   | Moisture oven for testing, Jan   | *78  | head, Oct  | *74   |
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| Ne   | by Battelle Institute. Bird & Edwards, Jan   |   | Moisture oven for testing, Jan   | *78<br>*76   | head, Oct.  Seranton  Backfilling the coal seams (e) Sept  | *74   |
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| Ne<br>Ne   | by Battelle Institute. Bird & Edwards, Jan.  ew cleaning process employs heavy organic liquids as separating medium.  W. B. Foulke, May.  ew facilities, Dec.  ew preparation facilities   |   | Moisture oven for testing, Jan. 1937 research projects (table), Feb. 2 West Virginia University offers fellowships in coal preparation, May. 1 Rocky Mountain Coal Mining Institute Election of officers, Aug  | *78<br>*76   | head, Oct.  Seranton  Backfilling the coal seams (e) Sept  Shafts  Intake shaft protected against frost. F.  |   |
| Ne<br>Ne   | by Battelle Institute. Bird & Edwards, Jan.  ew cleaning process employs heavy organic liquids as separating medium. W. B. Foulke, May.  ew facilities, Dec.  wy preparation facilities Jan. 100, Feb. 94, Mar. 96, Apr. 74, May 97, June 71, July 112, Aug. 77, Sept.   | *74<br>122  | Moisture oven for testing, Jan. 1937 research projects (table), Feb West Virginia University offers fellowships in coal preparation, May 1  Rocky Mountain Coal Mining Institute Election of officers, Aug Report of meeting, Aug  | *78<br>*76   | head, Oct.  Seranton  Backfilling the coal seams (e) Sept  Shafts  Intake shaft protected against frost. F. B. Dunbar, Oct   |   |
| Ne<br>Ne   | by Battelle Institute. Bird & Edwards, Jan.  ew cleaning process employs heavy organic liquids as separating medium.  W. B. Foulke, May.  ew facilities, Dec.  ew preparation facilities Jan.  100, Feb. 94, Mar. 96, Apr. 74, May  97, June 71, July 112, Aug. 77, Sept.  68, Oct.  |   | Moisture oven for testing, Jan. 1937 research projects (table), Feb. 6 West Virginia University offers fellowships in coal preparation, May. 1 Rocky Mountain Coal Mining Institute Election of offers, Aug. Report of meeting, Aug. 1 Roof Control  | *78<br>*76<br>104<br>74<br>66  | head, Oct.  Seranton  Backfilling the coal seams (e) Sept  Shafts  Intake shaft protected against frost. F. B. Dunbar, Oct  Smoke Prevention Association   | *38   |
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| No N           | by Battelle Institute. Bird & Edwards, Jan.  ew cleaning process employs heavy organic liquids as separating medium. W. B. Foulke, May.  ew facilities, Dec.  ew preparation facilities Jan. 100, Feb. 94, Mar. 96, Apr. 74, May 97, June 71, July 112, Aug. 77, Sept. 68, Oct.  ut coal quality by new process at Knox American mine. I. A. Given. Aug.  nio Valley A.I.M.E. discusses cleaning large and small sizes, Jan.  cking practices in Indiana, Dec. 96, reparation equipment at Cincinnati Exposition, June.  exparation problems discussed at A.M.C. meeting, June.  escreening in Indiana, Dec.  secreening in Indiana, Dec.  seatment of coal discussed at Illinois Mining Institute, July  mitted Electric's laboratory features ouality control. W. C. McCullock, Mar.  ashing in Indiana, Dec.  ashing, screening, coal sampling and plant design discussed at Illinois Mining Institute, July  ashing, screening, coal sampling and plant design discussed at Illinois Mining Inst. Dec.  ooden blocks placed on cars identifying coal on table, Oct.  lic Relations  ramatizing idle-day costs in public relations. W. M. Dake, Nov.  | *74 122 76 *31 94 *105 *57 47 *96 *90 *73 *55 *58 *96 116 *57 *39 *96 124 *68             | Moisture oven for testing, Jan. 1937 research projects (table), Feb West Virginia University offers fellowships in coal preparation, May 1  Rocky Mountain Coal Mining Institute Election of officers, Aug. Report of meeting, Aug   | *78 *76 *104 *104 *104 *104 *104 *104 *104 *104                              | head, Oct.  Seranton  Backfilling the coal seams (e) Sept  Shafts  Intake shaft protected against frost. F. B. Dunbar, Oct  Smoke Prevention Association  Report of Nashville convention, July  Scuthern Appalachian industrial exhibit held, Sept.  Stokers  Battelle Memorial Institute continues stoker studies. Mar  Bin-fed stoker for average homes, Sept. Link-Belt enlarges stoker display, June Link-Belt enlarges stoker display, June 83, Sept  New Delco stokers coming, Apr  New pelco stokers coming, Apr  New research data issued, Oct  SalesJan. 94, Feb. 96, Apr. 78, May 98, June 92, July 110, Aug. 76, Sept. 62, Oct. 80, Nov. 80, Dec  Stokers and other modern equipment are allies of coal (e) July  Uniformity paramount need in stoker coal, July  Stream Pollution  Control bill short of teeth, July  Eliminating stream pollution (e) July  Strepling  A.I.M.E. reviews stripping problems, Nov.  Anthracite operators seek solutions of changing problems, Feb  Bituminous stripping featured by transportation progress, Feb.   | *38<br>119<br>66<br>*62<br>88<br>62<br>82<br>89<br>142<br>48<br>104<br>93<br>473<br>666   |
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| No N           | by Battelle Institute. Bird & Edwards, Jan.  ew cleaning process employs heavy organic liquids as separating medium. W. B. Foulke, May.  ew facilities. Dec.  ew preparation facilities  | *74 122 76 *31 94 *105 *57 47 *96 *90 *73 *55 *96 116 *57 *39 *96 124 *68                 | Moisture oven for testing, Jan. 1937 research projects (table), Feb  West Virginia University offers fellowships in coal preparation, May 1  Rocky Mountain Coal Mining Institute Election of officers, Aug Report of meeting, Aug Rock Control  A.I.M.E. discusses rool control, Mar Anthracite operators seek solutions of changing problems, Feb Better roof support, pipe couplings and refuse disposal equipment pare cost. R. D. Hall, Sept Forepoling under a bad roof at Clark mine. R. D. Hall, Nov How to predetermine roof-span widths and face lengths. P. B. Bucky, Jan Roof control problems. P. B. Bucky, Jan Stoppings set on clay to prevent damage, Feb Talleydale mine reduces mine-roof deterioration by cooling intake air. I. A. Given, Apr Timber supply protected by arched cover, Oct Timbering permanent haulway with I-beams having legs not less than 10 in., May Roof control see also Timbering Rope stresses see Transportation  S  Safety  Accident consciousness (e) Sept   | *78 *76 *76 *104 *104 *104 *104 *104 *104 *104 *104                          | head, Oct.  Seranton  Backfilling the coal seams (e) Sept  Shafts  Intake shaft protected against frost. F. B. Dunbar, Oct   | *38 110 66 988 6288 89 142 48 104 937 66 82 41 *59 *49  |
| No N           | by Battelle Institute. Bird & Edwards, Jan.  we cleaning process employs heavy organic liquids as separating medium. W. B. Foulke, May.  we facilities. Dec.  we preparation facilities. Jan. 100, Feb. 94, Mar. 96, Apr. 74, May 97, June 71, July 112, Aug. 77, Sept. 68, Oct.  ut coal quality by new process at Knox American mine. I. A. Given. Aug.  nio Valley A.I.M.E. discusses cleaning large and small sizes, Jan. cking practices in Indiana, Dec. 96, reparation equipment at Cincinnati Exposition, June.  escreening in Indiana, Dec. 96, separation problems discussed at A.M.C. meeting, June.  escreening in Indiana, Dec. 96, services in Indiana, Dec. 96, reparation problems discussed at A.M.C. meeting, June.  screening in Indiana, Dec. 96, services properties of the | *74 122 76 *31 94 *105 *57 47 *96 *90 *73 *55 *96 116 *57 *39 *96 124 *68                 | Moisture oven for testing, Jan. 1937 research projects (table), Feb West Virginia University offers fellowships in coal preparation, May 1  Rocky Mountain Coal Mining Institute Election of officers, Aug. Report of meeting, Aug Anthracite operators seek solutions of changing problems, Feb   | *78 *76 *76 *104 *104 *104 *104 *104 *104 *104 *104                          | head, Oct.  Seranton  Backfilling the coal seams (e) Sept  Shafts  Intake shaft protected against frost. F. B. Dunbar, Oct   | *38 110 66 988 6282 829 142 48 104 9347 236 66 82 41 *59 •49 1168 *83   |
| No N           | by Battelle Institute. Bird & Edwards, Jan.  ew cleaning process employs heavy organic liquids as separating medium. W. B. Foulke, May.  ew facilities. Dec.  ew preparation facilities  | *74 122 76 *31 94 *105 *57 47 *96 *90 *73 *55 *96 116 *57 *39 *96 124 *68                 | Moisture oven for testing, Jan. 1937 research projects (table), Feb West Virginia University offers fellowships in coal preparation, May 1  Rocky Mountain Coal Mining Institute Election of officers, Aug. Report of meeting, Aug   | *78 *76  | head, Oct.  Seranton  Backfilling the coal seams (e) Sept  Shafts  Intake shaft protected against frost. F. B. Dunbar, Oct  Smoke Prevention Association  Report of Nashville convention, July  Scuthern Appalachian industrial exhibit held, Sept.  Stokers  Battelle Memorial Institute continues stoker studies, Mar  Bin-fed stoker for average homes, Sept. Link-Belt enlarges stoker display, June Link-Belt enlarges stoker display, June 83, Sept  New Delco stokers coming, Apr  New Delco stokers coming, Apr  New pelco stokers coming, Apr  New pelco stokers coming, Apr  New research data issued, Oct  SalesJan. 94, Feb. 96, Apr. 78, May 98, June 92, July 110, Aug. 76, Sept. 62, Oct. 80, Nov. 80, Dec  Stokers and other modern equipment are allies of coal (e) July  Uniformity paramount need in stoker coal, July  Stream Pollution  Control bill short of teeth, July  Eliminating stream pollution (e) July  Steel points the way (e) Aug  Stripping  A.I.M.E. reviews stripping problems, Nov  Anthracite operators seek solutions of changing problems, Feb  Buckheart mine strips overburden with 30 yd. shovel, Mar  Connector box used in circuit to loading shovels at Enos, Dec                     | *38<br>110<br>66<br>982<br>88<br>62<br>88<br>62<br>88<br>14<br>24<br>48<br>41<br>93<br>66<br>82<br>41<br>*59<br>91<br>116<br>83<br>89<br>92<br>88<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94<br>94 |
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| No N           | by Battelle Institute. Bird & Edwards, Jan.  we cleaning process employs heavy organic liquids as separating medium. W. B. Foulke, May.  we facilities, Dec.  we preparation facilities. Jan. 100, Feb. 94, Mar. 96, Apr. 74, May 97, June 71, July 112, Aug. 77, Sept. 68, Oct.  ut coal quality by new process at Knox American mine. I. A. Given. Aug.  nio Valley A.I.M.E. discusses cleaning large and small sizes, Jan.  cking practices in Indiana, Dec. 96, 'eparation equipment at Cincinnati Exposition, June.  exparation problems discussed at A.M.C. meeting, June.  screening in Indiana, Dec.  scattent of coal discussed at Illinois Mining Institute, July.  nited Electric's laboratory features ouality control. W. C. McCullock, Mar.  asher and aerial tram round out Cranberry program. J. H. Edwards, June  scanning in Indiana, Dec.  scattening screening, coal sampling and plant design discussed at Illinois Mining Inst., Dec.  ooden blocks placed on cars identifying coal on table, Oct.  lic Relations  ramatizing idle-day costs in public relations, W. M. Dake, Nov.  oogram for public relations must be stamped with personality of sponsor (e) Oct.  orgram for the coal industry, Oct.  opps and Pumping  ig pumps and fans (e) Oct.  screening coal sturns and it turns and it | *74 122 76 *31 94 *105 *57 47 *96 *73 *55 *58 *96 116 *57 *39 *96 124 *68 *35             | Moisture oven for testing, Jan. 1937 research projects (table), Feb West Virginia University offers fellowships in coal preparation, May 1  Rocky Mountain Coal Mining Institute Election of officers, Aug. Report of meeting, Aug   | *78 *76 *76 *104 *104 *104 *104 *104 *104 *104 *104                          | head, Oct.  Seranton  Backfilling the coal seams (e) Sept  Shafts  Intake shaft protected against frost. F. B. Dunbar, Oct  Smoke Prevention Association  Report of Nashville convention, July  Scuthern Appalachian industrial exhibit held, Sept.  Stokers  Battelle Memorial Institute continues stoker studies, Mar  Bin-fed stoker for average homes, Sept. Link-Belt expands stoker line, May 104, June 83, Sept  New Delco stokers coming, Apr  New Delco stokers coming, Apr  New research data issued, Oct  Sales   | *38 110 66 982 88 91 42 48 93 47 23 66 82 41 *59 *49 *16 *83 *92 *69  |
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| Modern stripping (e) Mar 41  | Brushes on locomotives clean track rails  | Harlan County operators sign union   |            |
|--|---|--|------------|
| Old Glory mine strips seam with elec-<br>tric dragline, Jan*67                       | at New Hope Mine, Dec*112<br>Buckheart to ship via barge, Aug 55                    | Progressive gains disputed, Dec  | 13         |
| Pittsburg, Kan. field uses largest of  | Cage with automatic switch thrower,   | Progressive Mine Workers ask federal   |            |
| shovels to strip thinnest of seams,<br>Aug*41  | Oct.<br>Car changing behind loading machines  | aid against U.M.W., Oct  | 8          |
| Reversing "cats" on loading shovel at  | in Indiana deep mines, Dec*43<br>Chesapeake & Ohio to build Boon                    | Two more Harlan operators sign con-  | 7          |
| Ayrshire facilitated by rocker type<br>switch, Dec*112                               | County spur, Apr 84   | West Virginia gains denied, Oct  | 8          |
| Time-study methods at Enos mine in-<br>crease efficiency. G. H. Utterback,           | Coupling pin has safety collar, Sept *54<br>Drain box for mine track, Sept *54      | Utilization  |            |
| May *69  | Dual-haulage system cuts car-changing   | Anti-freeze made from coal, Apr  | .7         |
| Transportation practices in Indiana,<br>Dec  | time at Wasson, I. A. Given, June *33<br>Dump at Boone mine handles three           | Chicago Coal Merchants' Assn. teaches how to burn coal, Jan                    | 10         |
| Vertical augers improve shooting at  | types of cars, spreads cost of replacements. J. H. Edwards, Sept *25                | Coal-burning cooking ranges planned,   |            |
| Sinclair strip mines, June *36<br>United Electric Coal Co.'s stripping               | Enos strip mines cuts haulage costs by  | Pamphlet on firing home furnaces, Jan.   | 110        |
| practices. M. M. Moser, Mar 47   | electric trains, Apr  | Pennsylvania anthracite uses, June<br>Possibilities of new market discussed at | 7:         |
| Supplies   | Holes in car bottom aid in oiling   | Illinois Mining Inst., Dec   | 124        |
| Indiana deep mine-practices, Dec*74, *89 New River remodels store and rescue         | wheels, Jan*78 How many cars per trip can locomo-                                   | Smokeless fuel resembling coke to be manufactured. July                        | 108        |
| station. J. H. Edwards, May *63  | How many cars per trip can locomotive haul safely? D. E. Renshaw,                   | manufactured, July Synthetic silk from coal, Dec.                              | 140        |
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| at points of need, May *59   | rope stresses. F. P. Clark, May *84<br>Indiana deep-mine practices, Dec *58         |  |            |
|  | Indiana strip-mine practices, Dec *83   | V  |            |
| T  | Insulated coupling made from old rub-<br>ber belting, Jan                           | Ventilation  |            |
| Tariff .   | Isabella mine transportation, July *57<br>Koppers cuts costs by arc-welding track   | Cooling air to reduce roof deterioration                                       |            |
| Canadian tariff on anthracite urged re-  | joints, Sept*41   | in Indiana, Dec  | *64        |
| Canadian trade agreement disappoints   | Machine for making scotch handles,<br>June *68                                      | Cost of running fan—A.I.M.E. meeting,<br>Nov.                                  | 84         |
| coal men, Dec  | Moss Hill No. 2 mine hauls coal in<br>rubber-tired tractors and bottom-             | Double-acting door permits reversing air currents, Aug.                        | *59        |
| appoints coal men, Dec   | dumping cars. I. A. Given, Jan *47  | Fan blinker signal, Aug  | *54        |
| Taxes .  | Motorman supplied with extra room by bumper extension, July *92                     | Fan signal uses auto generator, Nov<br>Fans in parallel help Pocahontas ven-   | *66        |
| Alabama interests seek equalization,   | Moving equipment through belt line  | tilation, Mar  | *68        |
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| Soviet coal pact renewed, Sept 57<br>Venezuelan oil duty proposed cut, Sept 57       | Position signal works from track switch,<br>Feb. *88                                | Shaft-bottom fan installations cut ven-<br>tilating cost. Raymond Mancha, May  | *52        |
| Tennessee Valley Authority   | Pumping coal through pipes to ship  | Talleydale mine reduces mine-roof de-  | -          |
| Alabama coal men oppose bringing TVA   | from mines patented, Oct 90 Retarder prevents shock in making                       | terioration by cooling intake air. I. A. Given, Apr                            | •47        |
| power to Birmingham, Jan 81<br>Congress probers named, May 98                        | trips, Nov *56  | A. Given, Apr Two fans or one? (e) Mar West Virginia Institute discusses ven-  | 41         |
| Norris asks investigation of TVA, Feb. 104 Supreme Court to rule on TVA, June 84     | Rotary dump at Boone mine handles<br>three types of cars. J. H. Edwards,            | tilation, Nov  | 64         |
| Supreme Court to rule on TVA, June 84<br>Tennessee court rules TVA act valid,        | Sept  |  |            |
| Mar 79   | Nov *60   | W  |            |
| limbering  | Sand and grit on the tracks (e) June 31<br>Short turnout without frog, Mar •74      | **   |            |
| Hitch-drill methods in Indiana, Dec *58<br>Hitch holes made by coal drill in special | Straightener for surface-bent rails, Jan. *78<br>Switch adjustment aided by special | Washington State studies its mineral re-                                       | 400        |
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NOTE—The articles and references in this index have been classified under leading subjects or topics, as far as practicable, and should be sought under such heads, which, together with all unclassified matter, are arranged alphabetically. Illustrated articles, or cuts standing by themselves are indicated by an asterisk (\*). The subject matter of editorials will be found classified under the subject with which they deal and marked (e). Many titles of articles are abbreviated, the aim being to give prominence to important words.